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DICTIONARY FILE UPDATES: 5 AUG 2008 HIGHEST RN 1038926-51-0

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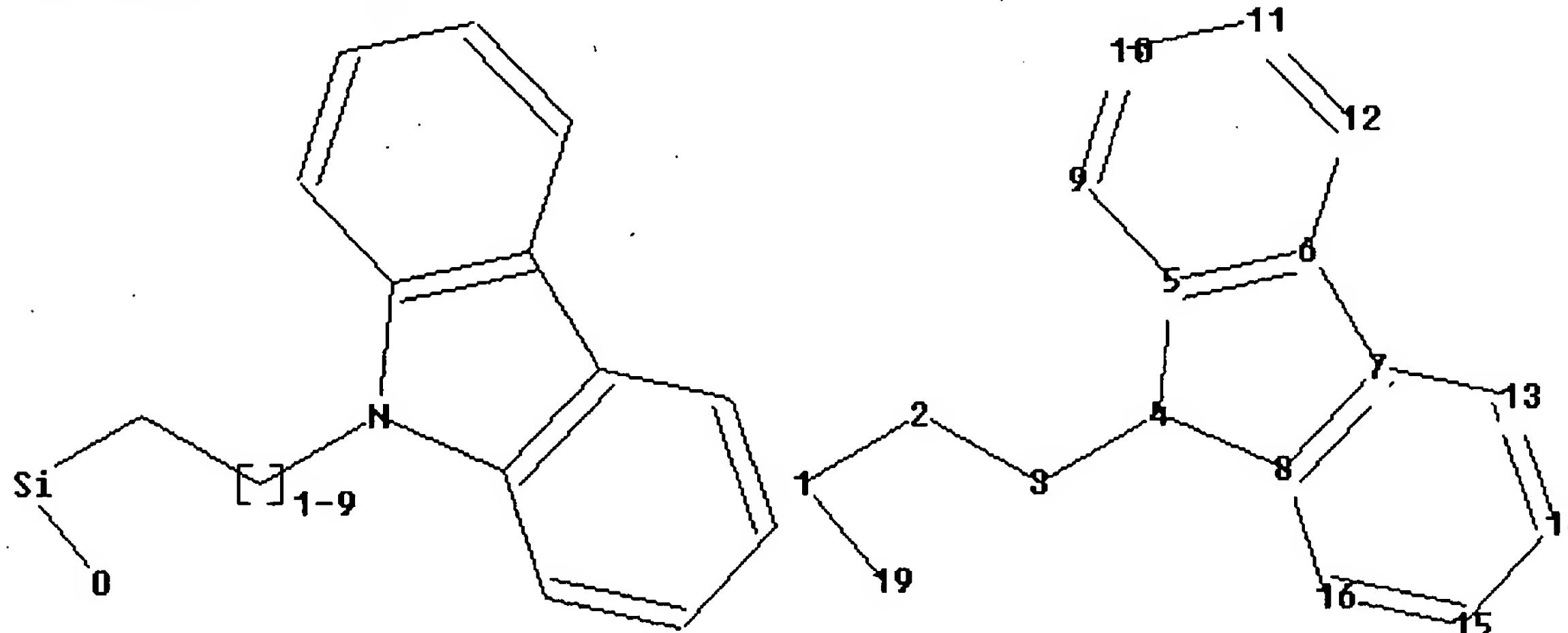
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=>  
Uploading C:\Program Files\STNEXP\Queries\Xu-048b.str
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chain nodes :

2 3

ring nodes :

4 5 6 7 8 9 10 11 12 13 14 15 16

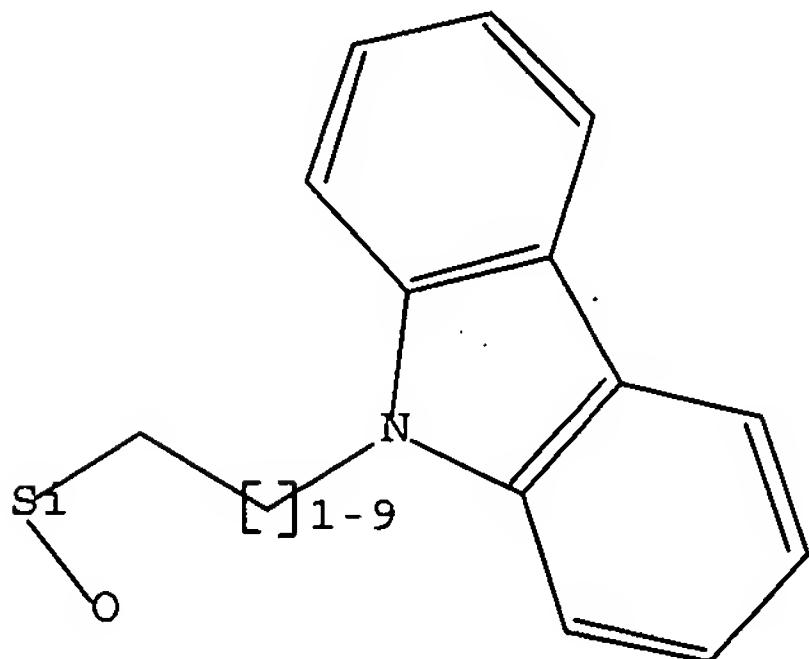
ring/chain nodes :

4 5 6 7 8 9 10 11 12 13 14 15 16
ring/chain nodes :
1 19
chain bonds :
1-2 2-3 3-4
ring/chain bonds :
1-19
ring bonds :
4-5 4-8 5-6 5-9 6-7 6-12 7-8 7-13 8-16 9-10 10-11 11-12 13-14 14-15
15-16
exact/norm bonds :
1-19 3-4 4-5 4-8 6-7
exact bonds :
1-2 2-3
normalized bonds :
5-6 5-9 6-12 7-8 7-13 8-16 9-10 10-11 11-12 13-14 14-15 15-16

Match level :
1:CLASS 2:CLASS 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:CLASS

L3 STRUCTURE UPLOADED

=> d L3
L3 HAS NO ANSWERS
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L3 sss full
FULL SEARCH INITIATED 10:33:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 521 TO ITERATE

100.0% PROCESSED 521 ITERATIONS 57 ANSWERS
SEARCH TIME: 00.00.01

L4 57 SEA SSS FUL L3

=> fil CAPPLUS

FILE 'CAPLUS' ENTERED AT 10:33:56 ON 06 AUG 2008
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FILE COVERS 1907 - 6 Aug 2008 VOL 149 ISS 6
FILE LAST UPDATED: 5 Aug 2008 (20080805/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s L4

L5 66 L4

=> s Electrolumin##### or luminesc##### or emitt### or emiss###
303 ELECTROLUMIN#####
241724 LUMINESC#####
239354 EMITT##
559984 EMISS##

L6 885594 ELECTROLUMIN##### OR LUMINESC##### OR EMITT## OR EMISS##

=> s L5 and L6

L7 9 L5 AND L6

=> d L7 1-9 bib

L7 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:513058 CAPLUS Full-text
DN 147:18791
TI Solid state photoluminescence property of a novel POSS-based material having carbazole
AU Imae, Ichiro; Kawakami, Yusuke; Ooyama, Yousuke; Harima, Yutaka
CS Department of Applied Chemistry, Faculty of Engineering, Hiroshima University, 1-4-1 Kagamiyama, Higashi-Hiroshima, Hiroshima, 739-8527, Japan
SO Macromolecular Symposia (2007), 249/250(Advanced Polymers for Emerging Technologies), 50-55
CODEN: MSYMEC; ISSN: 1022-1360
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1202867 CAPLUS Full-text
DN 145:189227
TI Development of a novel POSS-based material having carbazole moiety
AU Imae, Ichiro; Kawakami, Yusuke
CS School of Materials Science, Japan Advanced Institute of Science and Technology [JAIST], 1-1 Asahidai, Nomi, Ishikawa, 923-1292, Japan
SO Proceedings of SPIE-The International Society for Optical Engineering (2005), 5937(Organic Light-Emitting Materials and Devices IX), 59371N/1-59371N/8
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1169510 CAPLUS Full-text
DN 144:88975
TI Unique photoluminescence property of a novel perfectly carbazole-substituted POSS
AU Imae, Ichiro; Kawakami, Yusuke
CS Japan Advanced Institute of Science and Technology, School of Materials Science, 1-1 Asahidai, Nomi, Ishikawa, Japan
SO Journal of Materials Chemistry (2005), 15(43), 4581-4583
CODEN: JMACEP; ISSN: 0959-9428
PB Royal Society of Chemistry
DT Journal
LA English
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:323417 CAPLUS Full-text
DN 142:400273
TI Organic electroluminescent devices using ladder polymers
IN Watanabe, Saisuke
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 2005100710	A	20050414	JP 2003-330595	20030922
PRAI JP 2003-330595		20030922		

L7 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:182736 CAPLUS Full-text
DN 142:287908
TI Carbazolyl-functional cyclosiloxane, silicone composition, and organic light-emitting diode
IN Xu, Shihe
PA Dow Corning Corporation, USA
SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005019307	A1	20050303	WO 2004-US20661	20040628
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1660562	A1	20060531	EP 2004-777179	20040628
	R: AT, BE, CH, DE, DK, ES, FR; GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	CN 1839172	A	20060927	CN 2004-80023874	20040628
	JP 2007502813	T	20070215	JP 2006-523836	20040628
	US 20060232201	A1	20061019	US 2006-566103	20060126
PRAI	US 2003-496461P	P	20030820		
	WO 2004-US20661	W	20040628		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:601334 CAPLUS Full-text
DN 133:315364
TI Two-layer light emitting diodes prepared by the sol-gel route
AU De Morais, Tony Dantas; Chaput, Frederic; Boilot, Jean-Pierre; Lahlil,
Khalid; Darracq, Bruno; Levy, Yves
CS Groupe de chimie du solide, Laboratoire de physique de la matiere
condensee, UMR CNRS 7643, Ecole polytechnique, Palaiseau, 91128, Fr.
SO Comptes Rendus de l'Academie des Sciences, Serie IV: Physique,
Astrophysique (2000), 1(4), 479-491
CODEN: CRACFI
PB Editions Scientifiques et Medicales Elsevier
DT Journal
LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:237538 CAPLUS Full-text
DN 130:344496
TI Orange and green electroluminescence with hybrid light-emitting
diodes
AU De Morais, Tony Dantas; Chaput, Frederic; Lahlil, Khalid; Boilot,
Jean-Pierre
CS Groupe de Chimie du Solide, Laboratoire de Physique de la Matiere
Condensee, UMR CNRS 7643, Ecole Polytechnique, Palaiseau, 91128, Fr.
SO Proceedings of SPIE-The International Society for Optical Engineering
(1998), 3476(Organic Light-Emitting Materials and Devices II), 338-348
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:122588 CAPLUS Full-text
DN 130:229731
TI Hybrid organic-inorganic light-emitting diodes
AU Dantas de Moraes, Tony; Chaput, Frederic; Lahlil, Khalid; Boilot, Jean-Pierre
CS Groupe Chimie Solide, Laboratoire Physique Matiere Condensee, Ecole Polytechnique, Palaiseau, F-91128, Fr.
SO Advanced Materials (Weinheim, Germany) (1999), 11(2), 107-112
CODEN: ADVMEW; ISSN: 0935-9648
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:283807 CAPLUS Full-text
DN 122:42231
OREF 122:7967a,7970a
TI Excimer Emission and Wavelength Control from Light-Emitting Diodes Based on Side-Chain Polymers
AU Bisberg, J.; Cumming, W. J.; Gaudiana, R. A.; Hutchinson, K. D.; Ingwall, R. T.; Kolb, E. S.; Mehta, P. G.; Minns, R. A.; Petersen, C. P.
CS Materials Research Laboratory, Polaroid Corporation, Cambridge, MA, 02139, USA
SO Macromolecules (1995), 28(1), 386-9
CODEN: MAMOBX; ISSN: 0024-9297
PB American Chemical Society
DT Journal
LA English

=>
=> d L7 6-7 abs

L7 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AB Green-emitting org.-inorg. hybrid light-emitting diodes (HLED) were formed of two hybrid thin layers, exhibiting different functionalities, which are sandwiched between indium-tin oxide (ITO) and metallic electrodes. The layers were prepared from silane precursors modified with hole transporting units and light-emitting naphthalimide moieties by the sol-gel technique. The hole transporting sol-gel layers exhibit about the same charge mobility as organic polymers having equivalent active units. The maximum external quantum efficiency of the best diode using LiF/Al cathode was about 1% and the luminance reaches 4000 cd·m⁻².

L7 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AB The authors have elaborated for the 1st time org.-inorg. hybrid light-emitting diodes (HLED). These devices emitting in the orange and in the green are formed of one, two or three hybrid thin layers exhibiting different functionalities and sandwiched between In-Sn oxide (ITO) and metallic electrodes. These layers were prepared by the sol-gel technique from silane precursors modified with hole or electron transporting units and with light-emitting DCM or naphthalimide moieties.

=> s L5 NOT L7

L9 57 L5 NOT L7

=> d L9 45-57 bib

L9 ANSWER 45 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:735097 CAPLUS Full-text

DN 126:32049

OREF 126:6515a,6518a

TI Synthesis and surface potential decay behavior of copolysilanes containing carbazolyl-siloxane side chains

AU Matsukawa, Kimihiro; Tanaka, Katsumi; Fujita, Iwao; Inoue, Hiroshi

CS Osaka Municipal Technical Res. Inst., Joto, 536, Japan

SO Kobunshi Ronbunshu (1996), 53(11), 700-709

CODEN: KBRBA3; ISSN: 0386-2186

PB Kobunshi Gakkai

DT Journal

LA Japanese

L9 ANSWER 46 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:696476 CAPLUS Full-text

DN 126:39593

OREF 126:7745a,7748a

TI Photorefractive polymers for digital holographic optical storage

AU Burland, D. M.; Devoe, R. G.; Geletneky, C.; Jia, Y.; Lee, V. Y.; Lundquist, P. M.; Moylan, C. R.; Poga, C.; Twieg, R. J.; Wortmann, R.

CS IBM Research Division, Almaden Research Center, San Jose, CA, 95120, USA

SO Pure and Applied Optics (1996), 5(5), 513-520

CODEN: PAOAE3; ISSN: 0963-9659

PB Institute of Physics Publishing

DT Journal

LA English

L9 ANSWER 47 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:512150 CAPLUS Full-text

DN 125:208243

OREF 125:38721a,38724a

TI Polysiloxane-based photorefractive polymers for digital holographic data storage

AU Poga, C.; Lundquist, P. M.; Lee, V.; Shelby, R. M.; Twieg, R. J.; Burland, D. M.

CS IBM Res. Div., IBM Almaden Res. Cent., San Jose, CA, 95120-6099, USA

SO Applied Physics Letters (1996), 69(8), 1047-1049

CODEN: APPLAB; ISSN: 0003-6951

PB American Institute of Physics

DT Journal

LA English

L9 ANSWER 48 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:602424 CAPLUS Full-text

DN 123:170508

OREF 123:30468h,30469a

TI Electroluminescent polymers containing pendant electroluminescent side chains, and electroluminescent devices containing them

IN Cumming, William J.; Gaudiana, Russell A.; Ingwall, Richard T.; Kolb, Eric S.; Mehta, Parag G.; Minns, Richard A.

PA Polaroid Corp., USA

SO U.S., 13 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5414069	A	19950509	US 1993-12038	19930201
PRAI US 1993-12038		19930201		

L9 ANSWER 49 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:572222 CAPLUS Full-text

DN 123:97702

OREF 123:17175a,17178a

TI Issues relating to the stability of carbazole modified polysiloxanes (CMPS) for application in electrochromic displays

AU Bartlett, I. D.; Hepburn, A. R.

CS Electronic Mater. Cent., Univ. Coll. Swansea, Swansea, SA2 8PP, UK

SO Synthetic Metals (1995), 70(1-3), 1241-2

CODEN: SYMEDZ; ISSN: 0379-6779

PB Elsevier

DT Journal

LA English

L9 ANSWER 50 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:446541 CAPLUS Full-text

DN 122:188540

OREF 122:34553a,34556a

TI Electric conductive polymeric materials and their manufacture

IN Fukushima, Motoo; Mori, Shigeru; Tabei, Eiichi

PA Shinetsu Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 06256520	A	19940913	JP 1993-70934	19930305
JP 3028698	B2	20000404		
PRAI JP 1993-70934		19930305		

L9 ANSWER 51 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:7596 CAPLUS Full-text

DN 122:11414

OREF 122:2479a,2482a

TI Electrochemistry of carbazolylalkyl substituted polysiloxanes

AU Maud, J. M.; Vlahov, A.; Gray, N. A.

CS Dep. Chem., Univ. Coll. Swansea, Swansea, SA2 8PP, UK

SO Journal of Materials Science: Materials in Electronics (1994), 5(2), 101-5

CODEN: JSMEEV; ISSN: 0957-4522

DT Journal

LA English

L9 ANSWER 52 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1994:590878 CAPLUS Full-text

DN 121:190878

OREF 121:34443a

TI Photorefractive polymers containing discrete photoconductive and electrooptical units

IN Sansone, Michael; Goldberg, Harris A.; McGinnis, James L.; Blatter,
Karsten; Shu, Ching F.; East, Anthony

PA Hoechst Celanese Corp., USA

SO U.S., 10 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5326661	A	19940705	US 1991-792546	19911113
PRAI	US 1991-792546			19911113	

L9 ANSWER 53 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1994:420742 CAPLUS Full-text

DN 121:20742

OREF 121:3731a,3734a

TI Carbazole modified polysiloxanes: role of counter-ions in the dynamic properties of electrochemical displays

AU Hepburn, A. R.; Goldie, D. M.

CS Dep. Mater. Eng., Univ. Coll., Swansea, SA2 8PP, UK

SO Journal of Materials Science: Materials in Electronics (1994), 5(2), 94-100

CODEN: JSMEEV; ISSN: 0957-4522

DT Journal

LA English

L9 ANSWER 54 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1993:581876 CAPLUS Full-text

DN 119:181876

OREF 119:32527a,32530a

TI Carbazolylalkyl-substituted cyclosiloxanes: synthesis and properties

AU Maud, J. M.; Vlahov, A.; Goldie, D. M.; Hepburn, A. R.; Marshall, J. M.

CS Dep. Chem., Univ. Coll. Swansea, Swansea, SA2 8PP, UK

SO Synthetic Metals (1993), 55(2-3), 890-5

CODEN: SYMEDZ; ISSN: 0379-6779

DT Journal

LA English

L9 ANSWER 55 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1991:515207 CAPLUS Full-text

DN 115:115207

OREF 115:19775a,19778a

TI Electroactive poly(3,6-carbazolediyl) with lateral aminoalkyldisiloxane groups

AU Helary, G.; Chevrot, C.; Sauvet, G.; Siove, A.

CS Lab. Rech. Macromol., Univ. Paris-Nord, Villetteuse, Fr.

SO Polymer Bulletin (Berlin, Germany) (1991), 26(2), 131-8

CODEN: POBUDR; ISSN: 0170-0839

DT Journal

LA English

L9 ANSWER 56 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:583069 CAPLUS Full-text

DN 113:183069

OREF 113:30801a,30804a

TI Carbazole-containing curable compositions for photoconductors

IN Hashimoto, Kazumasa; Hattori, Jun; Hattori, Jun; Yonezawa, Kazuya

PA Kanegafuchi Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 02127432	A	19900516	JP 1988-282206	19881107
PRAI JP 1988-282206		19881107		

L9 ANSWER 57 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1985:195090 CAPLUS Full-text

DN 102:195090

OREF 102:30449a,30452a

TI Development methods and a developer for these methods

IN Suematsu, Koshi; Imai, Eiichi

PA Canon K. K., Japan

SO Ger.. Offen., 67 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 3413833	A1	19841018	DE 1984-3413833	19840412
DE 3413833	C2	19910529		
JP 59189352	A	19841026	JP 1983-63935	19830412
JP 01059577	B	19891218		
JP 59222849	A	19841214	JP 1983-96512	19830531
JP 02007061	B	19900215		
JP 01059578	B	19891218	JP 1983-96511	19830531
JP 60003679	A	19850110	JP 1983-112411	19830622
JP 02020105	B	19900508		
JP 60004953	A	19850111	JP 1983-113965	19830623
JP 02020106	B	19900508		
US 4680245	A	19870714	US 1986-929495	19861112
PRAI JP 1983-63935	A	19830412		
JP 1983-96511	A	19830531		
JP 1983-96512	A	19830531		
JP 1983-112411	A	19830622		
JP 1983-113965	A	19830623		
US 1984-596090	A1	19840402		

=> d L9 40-45 bib

L9 ANSWER 40 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:577956 CAPLUS Full-text

DN 129:252410

OREF 129:51265a,51268a

TI Correlation between photoconductivity and holographic response time in a photorefractive guest host polymer

AU Biuml, G.; Schloter, S.; Hofmann, U.; Haarer, D.

CS Physikalisches Institut and Bayreuther Institut fur Makromolekulforschung (BIMF), Universitat Bayreuth, Bayreuth, 95440, Germany

SO Optics Communications (1998), 154(1,2,3), 75-78

CODEN: OPCOB8; ISSN: 0030-4018

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 41 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:336742 CAPLUS Full-text
DN 129:88502
OREF 129:18099a
TI Physical characterization and electrical transport in end-group functionalized self-assembled monolayers
AU Collet, J.; Vuillaume, D.; Bonnier, M.; Boulussa, O.; Rondelez, F.; Gay, J. M.; Kham, K.; Chevrot, C.
CS ISEN Dept. of Physics, IEMN-CNRS, Villeneuve d'Ascq, F-59652, Fr.
SO Materials Research Society Symposium Proceedings (1998), 488(Electrical, Optical, and Magnetic Properties of Organic Solid-State Materials IV), 847-852
CODEN: MRSPDH; ISSN: 0272-9172
PB Materials Research Society
DT Journal
LA English

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 42 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1997:703463 CAPLUS Full-text
DN 128:28339
OREF 128:5453a,5456a
TI Bifunctional dimer and polymers for photorefractive applications
AU Mager, L.; Mery, S.
CS Groupe d'Optique Non Lineaire et d'Optoelectronique, Institut de Physique et de Chimie des Materiaux de Strasbourg, STRASBOURG, 67037, Fr.
SO Proceedings of SPIE-The International Society for Optical Engineering (1997), 3144(Xerographic Photoreceptors and Organic Photorefractive Materials II), 166-173
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 43 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1997:703445 CAPLUS Full-text
DN 128:8701
OREF 128:1649a
TI New photorefractive polymers for real-time holography
AU Schlotter, S.; Hofmann, U.; Hagen, R.; Hohle, C.; Ewert, K.; Strohriegl, P.; Eisenbach, C.-D.; Schmidt, H.-W.; Haarer, D.
CS Lehrstuhl Experimentalphysik IV, Universitaet Bayreuth, Bayreuth, 95440, Germany
SO Proceedings of SPIE-The International Society for Optical Engineering (1997), 3144(Xerographic Photoreceptors and Organic Photorefractive Materials II), 142-153
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 44 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1997:412609 CAPLUS Full-text
DN 127:66417
OREF 127:12701a,12704a
TI Temperature dependence of excitation energy transport in carbazole modified polysiloxane
AU Raju, B. Bangar; Mollay, Bernhard
CS Institute fuer Physikalische Chemie, Vienna, A - 1090, Austria
SO Journal of Fluorescence (1997), 7(1, Suppl.), 123S-126S
CODEN: JOFLEN; ISSN: 1053-0509
PB Plenum
DT Journal
LA English
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 45 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1996:735097 CAPLUS Full-text
DN 126:32049
OREF 126:6515a,6518a
TI Synthesis and surface potential decay behavior of copolysilanes containing carbazolyl-siloxane side chains
AU Matsukawa, Kimihiro; Tanaka, Katsumi; Fujita, Iwao; Inoue, Hiroshi
CS Osaka Municipal Technical Res. Inst., Joto, 536, Japan
SO Kobunshi Ronbunshu (1996), 53(11), 700-709
CODEN: KBRBA3; ISSN: 0386-2186
PB Kobunshi Gakkai
DT Journal
LA Japanese

=> d L9 30-39 bib

L9 ANSWER 30 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:149274 CAPLUS Full-text
DN 132:230272
TI High anisotropic conductivity in organic insulator/semiconductor monolayer heterostructure
AU Collet, J.; Lenfant, S.; Vuillaume, D.; Bouloffa, O.; Rondelez, F.; Gay, J. M.; Kham, K.; Chevrot, C.
CS Department of Physics (isen), BP 69, Institut d'Electronique et de Micro-Electronique du Nord, CNRS, Villeneuve d'Ascq, F-59652, Fr.
SO Applied Physics Letters (2000), 76(10), 1339-1341
CODEN: APPLAB; ISSN: 0003-6951
PB American Institute of Physics
DT Journal
LA English
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 31 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:36400 CAPLUS Full-text
DN 133:105075
TI Bifunctional cyclosiloxanes with photorefractive properties
AU Hohle; Christoph; Strohriegl, Peter; Hofmann, Uwe; Haarer, Dietrich
CS Bayreuther Institut fur Makromolekulforschung (BIMF), Univ. Bayreuth, Makromol. Chem. I, Bayreuth, Germany
SO Proceedings of SPIE-The International Society for Optical Engineering (1999), 3796(Organic Nonlinear Optical Materials), 353-359
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering

DT Journal
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 32 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:771294 CAPLUS Full-text
DN 132:144338
TI Influence of the dispersivity of charge transport on the holographic properties of organic photorefractive materials
AU Jakob, T.; Schloter, S.; Hofmann, U.; Grasruck, M.; Schreiber, A.; Haarer, D.
CS Physikalisches Institut and Bayreuther Institut fur Makromolekulforschung (BIMF), Universitat Bayreuth, Bayreuth, 95440, Germany
SO Journal of Chemical Physics (1999), 111(23), 10633-10639
CODEN: JCPSA6; ISSN: 0021-9606
PB American Institute of Physics
DT Journal
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 33 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:438659 CAPLUS Full-text
DN 131:191463
TI Zwitterionic molecules as doping chromophores for efficient photorefractive polymers
AU Fort, A.; Mager, L.; Muller, J.; Combella, C.; Mathey, G.; Thiebault, A.
CS IPCMS, Groupe d'Optique Non Lineaire et d'Optoelectronique, Strasbourg, 67037, Fr.
SO Optical Materials (Amsterdam) (1999), 12(2/3), 339-343
CODEN: OMATET; ISSN: 0925-3467
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 34 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:413249 CAPLUS Full-text
DN 131:177014
TI Speed enhancement of photorefractive polymers by means of light-induced filling of trapping states
AU Wolff, Janpeter; Schloter, Stefan; Hofmann, Uwe; Haarer, Dietrich; Zilker, Stephan J.
CS Physikalisches Institut und Bayreuther Institut fur Makromolekulforschung, Universitat Bayreuth, Bayreuth, D-95440, Germany
SO Journal of the Optical Society of America B: Optical Physics (1999), 16(7), 1080-1086
CODEN: JOBPDE; ISSN: 0740-3224
PB Optical Society of America
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 35 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:133800 CAPLUS Full-text
DN 130:288516
TI Birefringence measurements in low-Tg photorefractive materials by means of

AU electro-optic relaxation spectroscopy
AU Hoechstetter, K.; Schloter, S.; Hofmann, U.; Haarer, D.
CS Physikalisches Institut and Bayreuther Institut fur Makromolekulforschung
(BIMF), Universitat Bayreuth, Bayreuth, 95440, Germany
SO Journal of Chemical Physics (1999), 110(10), 4944-4951
CODEN: JCPSA6; ISSN: 0021-9606
PB American Institute of Physics
DT Journal
LA English
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 36 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:37498 CAPLUS Full-text
DN 130:188964
TI Low-Tg photorefractive materials based on bifunctional molecules
AU Mager, Loic; Mery, Stephane
CS Groupe d'Optique Non Lineaire et d'Optoelectronique Institute t de
Physique et de Chimie des Materiaux de Strasbourg, Strasbourg, 67037, Fr.
SO Molecular Crystals and Liquid Crystals Science and Technology, Section A:
Molecular Crystals and Liquid Crystals (1998), 322, 21-28
CODEN: MCLCE9; ISSN: 1058-725X
PB Gordon & Breach Science Publishers
DT Journal
LA English
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 37 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:811367 CAPLUS Full-text
DN 130:174794
TI New results on low TG photorefractive materials
AU Fort, A.; Mager, L.; Melzer, C.; Muller, J.; Cregut, O.; Mery, S.; Nicoud,
J.-F.; Combelllas, C.; Mathey, G.; Thiebault, A.
CS Groupe d'Optique Non Lineaire et d'Optoelectronique, Institut de Physique
et Chimie des Materiaux de Strasbourg, Strasbourg, 67037, Fr.
SO Proceedings of SPIE-The International Society for Optical Engineering
(1998), 3471(Xerographic Photoreceptors and Organic Photorefractive
Materials IV), 88-99
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 38 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:778339 CAPLUS Full-text
DN 130:145734
TI Synthesis and structural characterization of multi-functional
polysiloxanes for photorefractive effect
AU Li, Jun; Li, Zhen; Zhan, Caimao; Qin, Jingui; Kippelen, B.; Peyghambarian,
N.; Marder, S. R.
CS Department of Chemistry, Wuhan University, Wuhan, 430072, Peop. Rep. China
SO Proceedings of SPIE-The International Society for Optical Engineering
(1998), 3554(Photorefractive Materials: Phenomena and Related Applications
II), 229-231
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal

LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 39 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:721180 CAPLUS Full-text
DN 130:58744
TI Determination of the density of recombination centers in a photorefractive guest-host polymer
AU Bauml, G.; Schloter, S.; Hofmann, U.; Haarer, D.
CS Physikalisches Inst. und Bayreuther Inst. fur Makromolekulforschung (BIMF), Univ Bayreuth, Bayreuth, 95440, Germany
SO Synthetic Metals (1998), 97(2), 165-169
CODEN: SYMEDZ; ISSN: 0379-6779
PB Elsevier Science S.A.
DT Journal
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L9 ANSWER 20 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:49368 CAPLUS Full-text
DN 136:279943
TI An evaluation of Meyer-Neldel behavior for hopping mobilities in amorphous polymeric materials
AU Goldie, David M.
CS Department of Electronic Engineering and Physics, University of Dundee, Dundee, DD1 4HN, UK
SO Diffusion and Defect Data--Solid State Data, Pt. A: Defect and Diffusion Forum (2001), 192-193(Meyer-Neldel Rule), 27-36
CODEN: DDAFE7; ISSN: 1012-0386
PB Scitec Publications
DT Journal
LA English

L9 ANSWER 21 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:629046 CAPLUS Full-text
DN 135:336831
TI Polymeric photorefractive composite for holographic applications
AU Joo, W.-J.; Kim, N.-J.; Chun, H.; Moon, I. K.; Kim, N.
CS Center for Organic Photorefractive Materials, Department of Chemistry, Hanyang University, Seoul, 133-791, S. Korea
SO Polymer (2001), 42(24), 9863-9866
CODEN: POLMAG; ISSN: 0032-3861
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 22 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:425196 CAPLUS Full-text
DN 136:103330
TI Nonlinear optics and photorefractivity of polymer composites
AU Kim, Nakjoong; Chun, Hyunae; Jahng, Woong Sang; Song, Sangyup; Shin, Dong-Ho; Joo, Minsoo
CS Department of Chemistry, Hanyang University, Seoul, 133-791, S. Korea
SO MCLC S&T, Section B: Nonlinear Optics (2000), 25(1-4), 67-75

CODEN: MCLOEB; ISSN: 1058-7268
PB Gordon & Breach Science Publishers
DT Journal
LA English

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 23 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:297317 CAPLUS Full-text
DN 135:99735
TI Influence of the charge transport characteristics on the holographic response of organic photorefractive materials
AU Zilker, Stephan J.; Hofmann, Uwe; Leopold, Andre; Grasruck, Michael; Hohle, Christoph; Strohriegl, Peter
CS Physikalisches Institut, University of Bayreuth, Bayreuth, D-95440, Germany
SO Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (2001), 358, 15-22
CODEN: MCLCE9; ISSN: 1058-725X
PB Gordon & Breach Science Publishers
DT Journal
LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 24 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:181776 CAPLUS Full-text
DN 134:367244
TI Development of Polymeric Photosensitizers for Photoinitiated Cationic Polymerization
AU Hua, Yujing; Crivello, James V.
CS New York State Center for Polymer Synthesis Department of Chemistry, Rensselaer Polytechnic Institute, Troy, NY, 12180, USA
SO Macromolecules (2001), 34(8), 2488-2494
CODEN: MAMOBX; ISSN: 0024-9297
PB American Chemical Society
DT Journal
LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 25 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:764430 CAPLUS Full-text
DN 134:92995
TI Chromophores for polymeric photorefractive composites
AU Song, Sangyup; Chun, Hyunae; Joo, Minsoo; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, KIST, Seoul, 130-650, S. Korea
SO Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (2000), 349, 55-58
CODEN: MCLCE9; ISSN: 1058-725X
PB Gordon & Breach Science Publishers
DT Journal
LA English

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 26 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:764427 CAPLUS Full-text
DN 134:78306

TI Highly efficient photorefractive system based on carbazole-substituted poly(siloxane)
AU Moon, In Kyu; Yoo, Dongsik; Moon, Hyun Sik; Shin, Dong-Ho; Jahng, Woong Sang; Chun, Hyunaee; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, Korea Institute of Science and Technology (KIST), Seoul, 130-650, S. Korea
SO Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (2000), 349, 43-46
CODEN: MCLCE9; ISSN: 1058-725X
PB Gordon & Breach Science Publishers
DT Journal
LA English
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 27 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:764413 CAPLUS Full-text
DN 134:92994
TI Novel chromophores for highly efficient photorefractive materials
AU Jahng, Woong Sang; Yoo, Dongsik; Moon, Hyunsik; Moon, In Kyu; Shin, Dong-Ho; Joo, Minsoo; Lee, Eun; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, KIST, Seoul, 130-650, S. Korea
SO Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (2000), 349, 1-4
CODEN: MCLCE9; ISSN: 1058-725X
PB Gordon & Breach Science Publishers
DT Journal
LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 28 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:271790 CAPLUS Full-text
DN 132:340836
TI Investigations on the effective drift length in organic photorefractive materials
AU Leopold, A.; Kol'chenko, M. A.; Hofmann, U.; Zilker, S. J.
CS Lehrstuhl Experimentalphysik IV, Physikalisches Institut and Bayreuther Institut fur Makromolekulforschung (BIMF), Universitat Bayreuth, Bayreuth, D-95440, Germany
SO Journal of Luminescence (2000), 86(3&4), 371-374
CODEN: JLUMA8; ISSN: 0022-2313
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 29 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:260734 CAPLUS Full-text
DN 132:286315
TI Organic electrophotographic photoreceptor containing hydrazone charge-transporting agent
IN Mott, Andrew W.; Owen, David J.; Jubran, Nusrallah; Attwood, Martin D.; Barcock, Richard A.
PA Imation Corp., USA
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000022483	A1	20000420	WO 1999-US19119	19990824
	W: JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6066426	A	20000523	US 1998-172379	19981014
	US 6140004	A	20001031	US 1999-465023	19991216
PRAI	US 1998-172379	A	19981014		
OS	MARPAT 132:286315				
RE.CNT 2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

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L9 ANSWER 10 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:986596 CAPLUS Full-text
DN 141:267440
TI Space-charge field in polymeric photorefractive material
AU Joo, Won-Jae; Kim, Nakjoong
CS Hanyang Univ., Seoul, 133-791, S. Korea
SO Proceedings of SPIE-The International Society for Optical Engineering (2003), 5216(Organic Holographic Materials and Applications), 53-62
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:658026 CAPLUS Full-text
DN 140:28298
TI High diffraction efficiency with negligible gain in bipolar photorefractive polymer system
AU Hwang, Jaehoon; Kang, Dae Ho; Sohn, Jiwon; Park, Soo Young
CS School of Materials Science and Engineering, Seoul National University, Seoul, 151-744, S. Korea
SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2003), 44(2), 394-395
CODEN: ACPPAY; ISSN: 0032-3934
PB American Chemical Society, Division of Polymer Chemistry
DT Journal; (computer optical disk)
LA English
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:605515 CAPLUS Full-text
DN 140:10220
TI Simple method for determining the gain coefficient of a photorefractive polymer film
AU Joo, Won-Jae; Kim, Nakjoong
CS Department of Chemistry, Hanyang University, Seoul, 133-791, S. Korea
SO Optics Letters (2003), 28(14), 1254-1256
CODEN: OPLEDP; ISSN: 0146-9592
PB Optical Society of America

DT Journal
LA English
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:453679 CAPLUS Full-text
DN 139:261583
TI Photosensitization of onium salt initiated cationic photopolymerizations by carbazole monomers, polymers, and oligomers
AU Hua, Yujing; Crivello, James V.
CS Department of Chemistry, New York Center for Polymer Synthesis, Rensselaer Polytechnic Institute, Troy, NY, 12180, USA
SO ACS Symposium Series (2003), 847(Photoinitiated Polymerization), 219-230
CODEN: ACSMC8; ISSN: 0097-6156
PB American Chemical Society
DT Journal
LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:368288 CAPLUS Full-text
DN 139:108583
TI Applications of polymeric photorefractive material to reversible data storage and information processing
AU Chun, Hyunae; Joo, Won-Jae; Kim, Nam-Jun; Moon, In Kyu; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, Department of Chemistry, Hanyang University, Seoul, 133-791, S. Korea
SO Journal of Applied Polymer Science (2003), 89(2), 368-372
CODEN: JAPNAB; ISSN: 0021-8995
PB John Wiley & Sons, Inc.
DT Journal
LA English

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:203586 CAPLUS Full-text
DN 138:369477
TI Effects of Viscoelastic Properties on the Dielectric and Electrooptic Responses of Low-Tg Guest-Host Polymers
AU Ribierre, Jean-Charles; Mager, Loiec; Fort, Alain; Mery, Stephane
CS IPCMS Groupe d'Optique Non Linéaire et d'Optoelectronique, Matériaux Organiques pour l'Optique Nonlinéaire, CNRS, Strasbourg, 67037, Fr.
SO Macromolecules (2003), 36(7), 2516-2525
CODEN: MAMOBX; ISSN: 0024-9297
PB American Chemical Society
DT Journal
LA English

RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 16 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:455849 CAPLUS Full-text
DN 137:224039
TI Photorefractive polymer system with a low glass transition temperature for a holographic recording
AU Kim, Nam-Jun; Chun, Hyunae; Moon, In Kyu; Joo, Won-Jae; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, Department of Chemistry,

SO Hanyang University, Seoul, 133-791, S. Korea
Bulletin of the Korean Chemical Society (2002), 23(4), 571-574
CODEN: BKCSDE; ISSN: 0253-2964
PB Korean Chemical Society
DT Journal
LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:387952 CAPLUS Full-text
DN 137:176342
TI Determination of the space-charge field in polymeric photorefractive material
AU Joo, Won-Jae; Kim, Nam-Jun; Chun, Hyunae; Moon, In Kyu; Kim, Nakjoong; Oh, Cha-Hwan
CS Department of Chemistry, Hanyang University, Seoul, 133-791, S. Korea
SO Journal of Applied Physics (2002), 91(10, Pt. 1), 6471-6475
CODEN: JAPIAU; ISSN: 0021-8979
PB American Institute of Physics
DT Journal
LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 18 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:158393 CAPLUS Full-text
DN 136:217188
TI Oligomeric and polymeric photosensitizers for polymerization of epoxy compounds
IN Crivello, James V.
PA USA
SO U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 20020025991	A1	20020228	US 2001-826330	20010404
US 6593388	B2	20030715		
PRAI US 2000-194455P	P	20000404		

L9 ANSWER 19 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:75651 CAPLUS Full-text
DN 137:160691
TI Direct comparison of mechanical and electro-optic responses of a low Tg photorefractive doped polymer
AU Ribierre, J.-C.; Cheval, G.; Huber, F.; Mager, L.; Fort, A.; Muller, R.; Mery, S.; Nicoud, J. F.
CS Groupe d'Optique Non Linéaire et d'Optoelectronique, Matériaux Organiques pour l'Optique Nonlinéaire, UMR 7504, Institut de Physique et de Chimie des Matériaux de Strasbourg, Strasbourg, 67037, Fr.
SO Journal of Applied Physics (2002), 91(3), 1710-1712
CODEN: JAPIAU; ISSN: 0021-8979
PB American Institute of Physics
DT Journal
LA English

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L9 ANSWER 1 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2008:173592 CAPLUS Full-text
DN 148:437241
TI Transient bleaching pulse shapes in electrochromic polysiloxane thin films
AU Goldie, David Mitchell
CS Division of Electronic Engineering and Physics, University of Dundee,
Dundee, DD1 4HN, UK
SO Journal of Materials Science (2008), 43(6), 1818-1824
CODEN: JMTSAS; ISSN: 0022-2461
PB Springer
DT Journal
LA English
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1131941 CAPLUS Full-text
DN 148:436287
TI Dependency of Ionization Potentials of Photoconductive Polymers on
Photorefractive Response Time
AU Choi, Chil-Sung; Moon, In Kyu; Oh, Jin-Woo; Kim, Nakjoong
CS Department of Chemistry, Hanyang University, Seoul, S. Korea
SO Molecular Crystals and Liquid Crystals (2007), 472, 11-15
CODEN: MCLCD8; ISSN: 1542-1406
PB Taylor & Francis, Inc.
DT Journal
LA English
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:854700 CAPLUS Full-text
DN 145:512874
TI Effects of alkyl subsistents of photorefractive chromophores on
electro-optic response
AU Choi, Chil-Sung; Nguyen, Quoc Vuong; Oh, Jin-Woo; Hwang, Ui-Jung; Kim,
Nakjoong
CS Center for Organic Photorefractive Materials Department of Chemistry,
Hanyang University, S. Korea
SO Polymer Preprints (American Chemical Society, Division of Polymer
Chemistry) (2006), 47(2), 994-995
CODEN: ACPPAY; ISSN: 0032-3934
PB American Chemical Society, Division of Polymer Chemistry
DT Journal; (computer optical disk)
LA English
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:146859 CAPLUS Full-text
DN 145:407401
TI Dependency of the Photo-Charge Generation Efficiency on the
Photoconductivity and on the Space-Charge Field in Photorefractive
Polymeric Composites
AU Oh, Jin-Woo; Choi, Chil-Sung; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, Department of Chemistry,

SO Hanyang University, Seoul, 133-791, S. Korea
Molecular Crystals and Liquid Crystals (2006), 447, 451-458
CODEN: MCLCD8; ISSN: 1542-1406

PB Taylor & Francis, Inc.

DT Journal

LA English

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:132873 CAPLUS Full-text

DN 142:374268

TI Synthesis of monomer and polymer-bound photosensitizers

AU Crivello, James V.; Jang, Myoungsouk

CS Department of Chemistry and Chemical Biology, Rensselaer Polytechnic Institute, Troy, NY, 12180-3590, USA

SO Journal of Macromolecular Science, Pure and Applied Chemistry (2005), A42(1), 1-19

CODEN: JSPCE6; ISSN: 1060-1325

PB Taylor & Francis, Inc.

DT Journal

LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:802665 CAPLUS Full-text

DN 141:304009

TI Methods for extending amorphous photorefractive material lifetimes

IN Cammack, J. Kevin; Wang, Peng; Castello, Chris

PA Nitto Denko Corporation, Japan

SO PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004082362	A2	20040930	WO 2004-US7766	20040315
	WO 2004082362	A3	20050317		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 20040242841	A1	20041202	US 2004-800934	20040315
	JP 2006520929	T	20060914	JP 2006-507165	20040315
PRAI	US 2003-456079P	P	20030318		
	WO 2004-US7766	W	20040315		

L9 ANSWER 7 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:719306 CAPLUS Full-text

DN 142:164594

TI Application to optically controlled spatial light modulator using organic

AU photorefractive composite
AU Joo, Won-Jae; Kim, Nakjoong
CS Center for Organic Photorefractive Materials, Department of Chemistry,
Hanyang Univ., Seoul, 133-791, S. Korea
SO Proceedings of SPIE-The International Society for Optical Engineering
(2004), 5351(Organic Photonic Materials and Devices VI), 150-157
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:234438 CAPLUS Full-text
DN 141:54633
TI Synthesis of novel silicon-containing monomers for cationic
photopolymerization
AU Jang, Myoungsouk; Crivello, James V.
CS Department of Chemistry, Rensselaer Polytechnic Institute, Troy, NY,
12180, USA
SO Polymer Preprints (American Chemical Society, Division of Polymer
Chemistry) (2004), 45(1), 587-588
CODEN: ACPPAY; ISSN: 0032-3934
PB American Chemical Society, Division of Polymer Chemistry
DT Journal; (computer optical disk)
LA English
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 9 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:98669 CAPLUS Full-text
DN 140:329220
TI Temperature dependence on the grating formation in photorefractive
polymeric composite
AU Joo, Won-Jae; Choi, Chil-Sung; Moon, In Kyu; Kim, Nakjoong
CS Department of Chemistry, Hanyang University, Seoul, 133-791, S. Korea
SO Molecular Crystals and Liquid Crystals (2003), 406, 263-269
CODEN: MCLCD8; ISSN: 1542-1406
PB Taylor & Francis, Inc.
DT Journal
LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d L9 51,8 abs

L9 ANSWER 51 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AB Carbazolylalkyl-substituted polysiloxanes undergo anodic oxidn. to give insol.
electrode-supported crosslinked films containing dicarbazolyl groups. The
electrochem. of the immobilized dicarbazolyls can be addressed and the
electrochem. switching between the colored (oxidized) and colorless (reduced)
states forms the basis of an electrochromic display. Cyclic voltammetry
suggests a model in which virtually all of the pendant carbazole groups are
converted into dicarbazolyls. The model is consistent with observation of a
range of polymers, and analogous oligomers, and contrasts with earlier reports
on the same type of material.

L9 ANSWER 8 OF 57 CAPLUS COPYRIGHT 2008 ACS on STN
AB Tetramethyldisiloxane double hydrosilylation with vinylcyclohexene oxide was used to prepare novel monomers as well as monomer-bound carbazole photosensitizers. These monomers displayed outstanding reactivity in photoinitiated cationic polymerization

=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

STN INTERNATIONAL LOGOFF AT 11:11:38 ON 06 AUG 2008